

# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Issue date: 2/6/2025 Revision date: 4/11/2025 SAP export date: 4/11/2025 Version: 3.0



### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : LACKTHERM 13231 COMP A F  
Product code : 10001694  
Product group : Trade product

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Impregnation

#### 1.4. Supplier's details

##### WEG TINTAS LTDA - GRUPO WEG

##### Guaramirim - Santa Catarina / Brasil

Rodovia BR 280 – Km 50, 6.918 – Bloco A. Caixa D'Água – 89270-000 - +55 (47) 3276-4000

##### Mauá - São Paulo / Brasil

Rua Dr. Ulysses Guimarães, nº 918 – Bloco A. Loteamento Industrial Coral 09372-050 – Fone: +55 (11) 4547-6100

##### Cabo de Santo Agostinho - Pernambuco / Brasil

Via VII, 314 Distrito Industrial DIPER – 54590-000 - Fone: +55 (81) 3512-3000

##### Betim - Minas Gerais / Brasil

Avenida Juiz Marco Tulio Isaac, 2994 Betim Industrial – 32671-198, Fone: +55 (31) 3268-0687 / +55 (31) 3268-0686

##### Macaé - Rio de Janeiro / Brasil

Rua Itacolomi, 528 – Quadra H – Lote 11 Cabiúnas – 27977-340

##### Atotonilco de Tula - Estado de Hidalgo / México

Av. Hidalgo, lote 40, 41, 42 y 43 - Parque Industrial Bicentenario, CP 42980 - Fone: +52 (55) 5321-4231

##### Buenos Aires - Provincia de Buenos Aires / Argentina

Av. José Melián, 2983 - Parque Industrial Burzaco, B1852 - Fone: +54 (11) 4299-8000

#### 1.5. Emergency phone number

Emergency number :

|                                      |             |                                             |
|--------------------------------------|-------------|---------------------------------------------|
| <b>24-HOUR EMERGENCY - AMBIPAR</b>   |             | 0800 117 2020                               |
| <b>CHEMTREC international number</b> |             | +1-703-527-3887 e 1-800-424-9300            |
| <b>Country</b>                       | <b>City</b> | <b>Local Number</b> <b>Toll-Free Number</b> |
| Austria                              | Vienna      | +43-1-3649237                               |
| Austria                              |             | 0800 293702                                 |
| China                                |             | 400 120 4937                                |
| France                               |             | +33-975181407                               |
| Germany                              |             | 0800-181-7059                               |
| India                                | Bangalore   | +91 8071 279 207                            |

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

|                |        |                  |                  |
|----------------|--------|------------------|------------------|
| India          |        |                  | 000 800 1007 141 |
| Italy          | Milan  | +39-02 4555 7031 |                  |
| Italy          |        |                  | 800 789 767      |
| Netherlands    |        | +31-85 888 0596  |                  |
| Russia         |        |                  | 8(800)100-63-46  |
| South Africa   |        |                  | 080-001-4676     |
| United Kingdom | London | +44 20 3807 3798 |                  |
| South korea    |        |                  | 080-880-0454     |
| Japan          |        |                  | 0800-300-5842    |

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification according to GHS BR (ABNT NBR 14725: 2023)

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 2A

Skin sensitisation, Category 1

Hazardous to the aquatic environment - Chronic Hazard, Category 2

### 2.2. GHS Label elements, including precautionary statements

#### GHS BR labelling

Hazard pictograms (GHS BR)



Signal word (GHS BR)

: Warning

Hazard statements (GHS BR)

: H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS BR)

: P261 - Avoid breathing dust, fume, gas, mist, vapours or spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection, face protection and hearing protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.

P337+P313 - If eye irritation persists: Get medical advice or attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                                                                     | GHS Product identifier | %   | Classification according to GHS BR (ABNT NBR 14725: 2023)                                   |
|------------------------------------------------------------------------------------------|------------------------|-----|---------------------------------------------------------------------------------------------|
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane | CAS-No.: 25068-38-6    | 100 | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |

### SECTION 4: First-aid measures

#### 4.1. Description of necessary first-aid measures

|                                       |                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : People with over sensibility problems are not allowed to work or be exposed to the product.                                                                                                                                                                                |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                                                                                                                                                             |
| First-aid measures after skin contact | : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.                                                                                                                                           |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Rinse mouth out with water.                                                                                                                                                                                                                        |

#### 4.2. Most important symptoms and effects, acute and delayed

|                                     |                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause severe burns. May cause an allergic skin reaction. Causes serious eye irritation.                                                                           |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. |
| Symptoms/effects after skin contact | : Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.                  |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. stinging. redness, itching, tears.                                                                                                     |
| Symptoms/effects after ingestion    | : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.                                                                                  |

#### 4.3. Indication of any immediate medical attention and special treatment needed, if necessary

|                    |                         |
|--------------------|-------------------------|
| Notes to physician | : Treat symptomatically |
|--------------------|-------------------------|

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                                                |

#### 5.2. Specific hazards arising from the chemical

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Fire hazard      | : In case of fire and/or explosion do not breathe fumes. |
| Explosion hazard | : No direct explosion hazard.                            |

#### 5.3. Special protective actions for fire-fighters

|                                |                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing.                                                                                   |

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

Other information : In case of fire, corrosive and harmful gases come free.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. May be harmful to aquatic organisms, to flora, to soil organisms. Clean up any spills as soon as possible, using an absorbent material to collect it. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

##### 6.1.2. For emergency responders

Protective equipment : Self-contained breathing apparatus. Total impervious protective suits, gloves, and boots must be worn to prevent any contact with the product. Corrosionproof suit. Equip cleanup crew with proper protection.  
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.  
Methods for cleaning up : Clean contaminated surfaces with an excess of water. Absorb spilled material with sand or earth. Take up liquid spill into absorbent material.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.  
Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Contaminated work clothing should not be allowed out of the workplace. Ensure good ventilation of the work station. Wear personal protective equipment. Keep only in original container. Do not handle until all safety precautions have been read and understood.  
Hygiene measures : Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store locked up. Store in tightly closed, leak-proof containers.  
Storage conditions : Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep cool.  
Packaging materials : Store always product in container of same material as original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

vicinity of any potential exposure.

### 8.3. Individual protection measures

#### Personal protective equipment:

Wear recommended personal protective equipment.

##### Hand protection:

Protective gloves made of PVC. Nitrile rubber gloves

##### Eye protection:

Wear closed safety glasses

##### Skin and body protection:

Long sleeved protective clothing. Or chemical resistant apron. Safety shoes

##### Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                  |
|-------------------------------------------------|------------------|
| Physical state                                  | : Liquid         |
| Appearance                                      | :                |
| Colour                                          | : Colourless     |
| Odour                                           | : Not available  |
| Odour threshold                                 | : Not available  |
| pH                                              | : Not available  |
| Melting point                                   | : Not available  |
| Freezing point                                  | : Not available  |
| Boiling point                                   | : Not available  |
| Flash point                                     | : 264 °C         |
| Relative evaporation rate (butylacetate=1)      | : Not available  |
| Flammability                                    | : Not available  |
| Explosive limits                                | : Not available  |
| Vapour pressure                                 | : Not available  |
| Relative vapour density at 20°C                 | : Not available  |
| Relative density                                | : Not available  |
| Density                                         | : Not available  |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Auto-ignition temperature                       | : Not available  |
| Decomposition temperature                       | : Not available  |
| Viscosity, kinematic                            | : Not available  |
| Particle size                                   | : Not applicable |
| Particle size distribution                      | : Not applicable |

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# LACKTHERM 13231 COMP A F

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According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

|                                |                  |
|--------------------------------|------------------|
| Particle shape                 | : Not applicable |
| Particle aspect ratio          | : Not applicable |
| Particle specific surface area | : Not applicable |

### 9.2. Data relevant with regard to physical hazard classes

No additional information available

### 9.3. Further safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

|                                    |                                                                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Chemical stability                 | : Stable under normal conditions of use.                                                                                             |
| Conditions to avoid                | : Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Hazardous decomposition products   | : On exposure to high temperature, may decompose, releasing corrosive gases.                                                         |
| Incompatible materials             | :                                                                                                                                    |
| Possibility of hazardous reactions | : None under normal use.                                                                                                             |
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                                                 |
| Handling temperature               | : No additional information available                                                                                                |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Acute toxicity (oral)             | : Not available                        |
| Acute toxicity (dermal)           | : Not available                        |
| Acute toxicity (inhalation)       | : Not available                        |
| Skin corrosion/irritation         | : Causes skin irritation.              |
| Serious eye damage/irritation     | : Causes serious eye irritation.       |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity            | : Not available                        |
| Carcinogenicity                   | : Not available                        |
| Reproductive toxicity             | : Not available                        |
| STOT-single exposure              | : Not available                        |
| STOT-repeated exposure            | : Not available                        |
| Aspiration hazard                 | : Not available                        |

### 11.2. Most important symptoms and effects, both acute and delayed

|                                     |                                                                                                                                                                         |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May cause severe burns. May cause an allergic skin reaction. Causes serious eye irritation.                                                                           |
| Symptoms/effects after inhalation   | : May cause irritation to the respiratory tract, sneezing, coughing, burning sensation of throat with constricting sensation of the larynx and difficulty in breathing. |
| Symptoms/effects after skin contact | : Causes skin irritation. irritation (itching, redness, blistering). Cracking of the skin. Prolonged or repeated contact may cause skin to become dry.                  |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. stinging. redness, itching, tears.                                                                                                     |
| Symptoms/effects after ingestion    | : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.                                                                                  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                    |
|-----------------------------------------------------------|----------------------------------------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not available                                    |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

### 12.2. Persistence and degradability

| LACKTHERM 13231 COMP A F                                                                           |                        |
|----------------------------------------------------------------------------------------------------|------------------------|
| Persistence and degradability                                                                      | Not rapidly degradable |
| 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane25068-38-6 |                        |
| Persistence and degradability                                                                      | Not rapidly degradable |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Hazardous to the ozone layer : Not available

## SECTION 13: Disposal considerations

|                                            |                                                                                    |
|--------------------------------------------|------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Law No. 12.305 on the National Policy on Solid Waste Management, 02 August 2010. |
| Waste treatment methods                    | : Must follow special treatment according to local regulation.                     |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                         |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                         |
| Additional information                     | : Do not re-use empty containers.                                                  |

## SECTION 14: Transport information

### 14.1 National and international Regulations

In accordance with IMDG / IATA / ANTT

| ANTT                                                                                | IMDG                                                                                               | IATA                                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| UN number                                                                           |                                                                                                    |                                                                                       |
| 3082                                                                                | 3082                                                                                               | 3082                                                                                  |
| UN Proper Shipping Name                                                             |                                                                                                    |                                                                                       |
| SUBSTÂNCIA QUE APRESENTA RISCO PARA O MEIO AMBIENTE, LÍQUIDA, N.E.                  | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.                                                | Environmentally hazardous substance, liquid, n.o.s.                                   |
| Transport document description                                                      |                                                                                                    |                                                                                       |
| Not applicable                                                                      | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT (264°C c.c.) | UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III                   |
| Transport hazard class(es)                                                          |                                                                                                    |                                                                                       |
| 9                                                                                   | 9                                                                                                  | 9                                                                                     |
| Danger labels                                                                       |                                                                                                    |                                                                                       |
| 9                                                                                   | 9                                                                                                  | 9                                                                                     |
|  |                 |  |

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# LACKTHERM 13231 COMP A F

## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

|                                      |                |                    |
|--------------------------------------|----------------|--------------------|
| <b>Subsidiary risk</b>               |                |                    |
| Not applicable                       | Not applicable | Not applicable     |
| <b>Risk Number</b>                   |                |                    |
| 90                                   | Not applicable | Not applicable     |
| <b>Packing group</b>                 |                |                    |
| III                                  | III            | III                |
| <b>Special provisions</b>            |                |                    |
| 274,331,335,375                      | 274,335,969    | A97,A158,A197,A215 |
| <b>Dangerous for the environment</b> |                |                    |
| Yes                                  | Yes            | Yes                |

### 14.2 Other informations

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

Brazil Local Regulations

: Standard ABNT NBR 14725.  
Federal Decree no. 10.088, of 5 November 2019 – Promulgates Convention no. 170 of the WLO, relating to Safety in the Use of Chemicals in the Workplace, ratified by the Federative Republic of Brazil.  
Ministerial Order no. 2.770, of 5 September 2022 – Approves the new wording of Regulatory Standard No. 26  
Federal Decree no. 96.044, of 18 May 1988 - Approves Regulations for Road Transportation of Hazardous Materials  
Resolution no. 5998, of November 3, 2022, updates the regulation for road transport of dangerous goods, approves its Complementary Instructions, and other measures.

## SECTION 16: Other information

Abbreviations and acronyms

: CAS-No. - Chemical Abstract Service number  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
BCF - Bioconcentration factor  
EC50 - Median effective concentration  
LC50 - Median lethal concentration  
VOC - Volatile Organic Compounds  
LD50 - Median lethal dose  
DMEL - Derived Minimal Effect level  
DNEL - Derived-No Effect Level  
COD - Chemical oxygen demand (COD)  
ATE - Acute Toxicity Estimate  
IMDG - International Maritime Dangerous Goods  
IATA - International Air Transport Association  
EC-No. - European Community number  
vPvB - Very Persistent and Very Bioaccumulative  
WGK - Water Hazard Class  
IOELV - Indicative Occupational Exposure Limit Value  
BLV - Biological limit value  
TRGS - Technical Rules for Hazardous Substances

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## Safety Data Sheet

According to ABNT NBR 14725: 2023

Revision date: 4/11/2025

TLM - Median Tolerance Limit

IARC - International Agency for Research on Cancer

Important information, but not specifically described in the previous sections: This MSDS was prepared based on current knowledge about the handling of the product under normal conditions of use, according to the application specified on the packaging and recommended usage in Section 1 of this MSDS. Any other use of the product involving its combination with other materials, as well as forms of use different from those indicated, are the user's responsibility. The company advises that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace it is responsibility of the company user of the product to provide training of its employees and contractors about the possible risks arising from exposure to the chemical. We reserve the right to change the information contained in this document without prior notice, due to the improvement and continuous evolution of the product and technical knowledge.

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